

6510 Mounting

The 6510 Series Pull Station may be surface mounted with an optional Back-box or flush mounted on a standard single gang switch box. In either case be sure to follow local codes and regulations. To comply with ADA standards the Pull Station must be less than 48 inches above the floor for front wheelchair access and less than 54 inches above the floor for side wheelchair access.

Surface Mount

A surface mount installation uses a die-cast or sheet metal Back-box (not included, order separately). The Back-box has four pre-drilled mounting holes of 0.187 inch diameter. A screw of size 8 or smaller can be used to attach the Back-box to a wall. The sheet metal Back-box has conduit knockouts. After the Back-box is in place, attach the conduit. Field wiring is connected to a terminal block on model 6510 station, as shown in the wiring diagram.

The wire should not be wrapped around the terminal, but placed under the clamping plate. The housing is locked using a key lock. Unlock the housing by turning the key clockwise and swing down the front of the housing to make the sheet metal mounting plate accessible.

Mount the metal plate to the Back-box using the four, ¼ inch length, 8-32 screws that are supplied.

Flush Mount

Most flush mount installations may be attached to a standard single gang switch box with 2 screws provided.

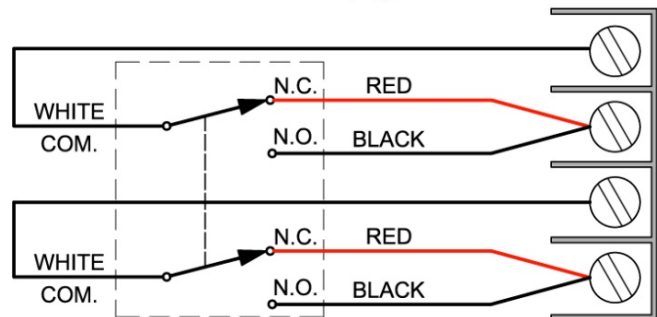
To Reset

Use key to open pull station housing. Reset the handle and then close and lock the housing.

If a break-rod is being used, move the PULL handle to about a 45 angle with the face of the housing. Insert a break-rod into the cavity beneath the PULL handle. Place the PULL handle back into the normal position (flush with the housing). While holding the PULL handle in place, move the housing back to the upright position and lock. The Pull Station is now ready for operation.

Note: the break-rod is not required for operation; however it does provide a visual indication of actuation status.

SWITCH RATING: 1 Amp @ 30 VDC
0.1 Amp @ 125 VAC



NOTE: PULLING THE HANDLE RELEASES THE SWITCH SO THAT CONTACT DESIGNATIONS SHOWN ARE TRUE WHEN HANDLE IS PULLED.

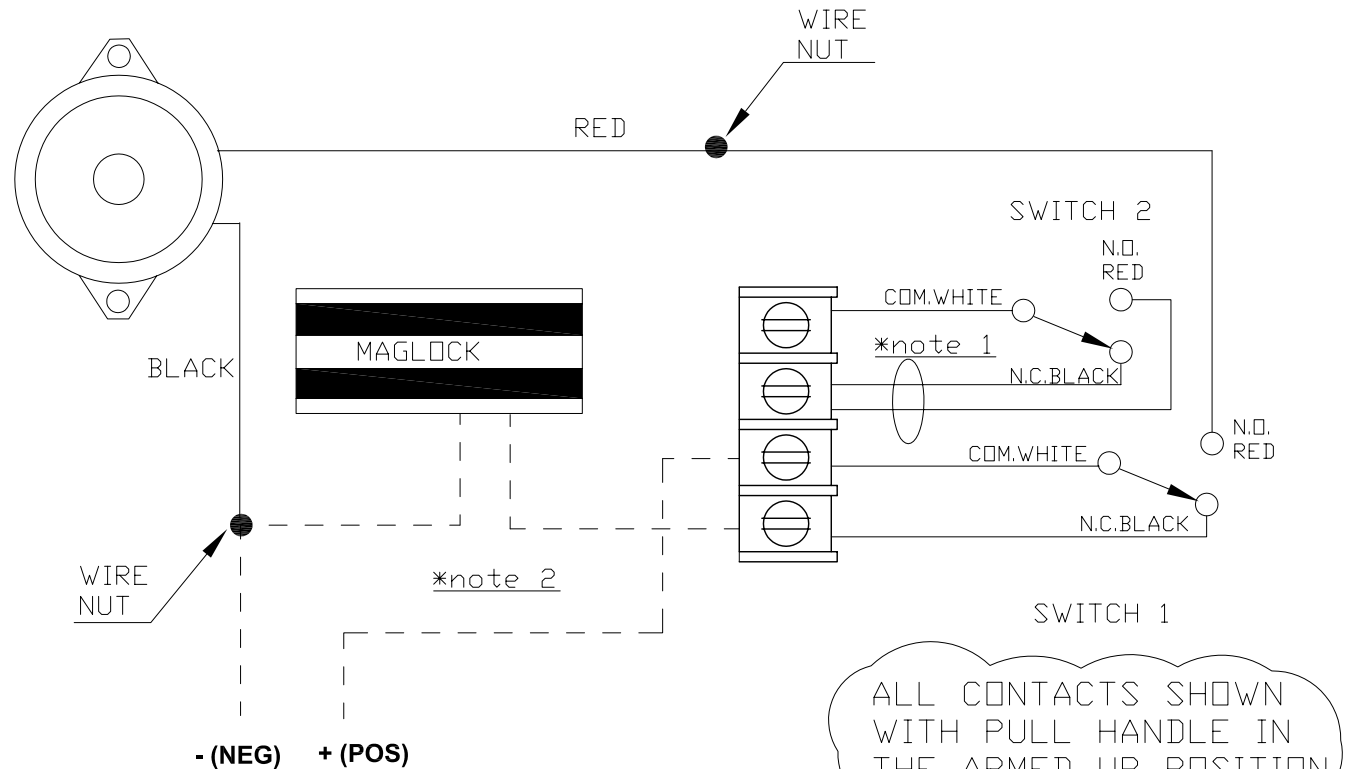
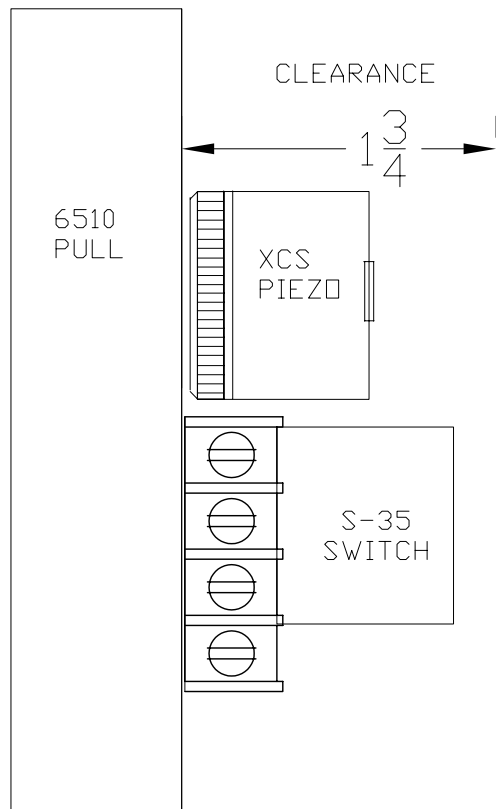
TO SELECT DESIRED OUTPUT, CUT EITHER THE BLACK OR RED WIRE.

RED WIRE CONTACT IS CLOSED AND BLACK WIRE CONTACT OPENS WHEN HANDLE IS PULLED IN RESPONSE TO EMERGENCY CONDITION.

XCS OPTIONAL PIEZO SOUNDER FOR 6510-S35XCS

OPERATION: WHEN HANDLE IS PULLED LOCK IS UNLOCKED & LOCAL ALARM WILL SOUND

SIDE VIEW



*note 1

BOTH WIRES (NO & NC) ARE CONNECTED. CHOOSE THE APPROPRIATE ONE AND CUT THE OTHER

*note 2

DASHED LINES ARE CUSTOMER SUPPLIED FIELD WIRING

SPECIFICATIONS

PIEZO SOUNDER
 RATED OPERATING VOLTAGE 3-28 VDC
 MAX CURRENT 20 mA
 OPERATING TEMP -40 TO +70 C
 100 (dB) @ 100 cm



**DORTRONICS
 SYSTEMS, INC.**

TITLE 6510 SERIES PIEZO

DATE 5/3/07

FILE 6510-S35XCS

DRAWN JTF

SHEET 1 OF 1

SIZE A